

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A solid oxide fuel cell having an electrolyte electrode assembly in which a fuel electrode is connected to one face of a first solid electrolyte showing oxide ion conductivity and in which an air electrode is connected to the other face, wherein

the fuel electrode comprises a cermet of a catalyst and of a second solid electrolyte whose oxide ion conductivity is more than or equal to 0.2 S/cm at 1000 °C,

the second solid electrolyte is scandia-stabilized zirconia containing 9 to 12 mol % of scandia (Sc₂O₃) to which greater than zero and less than or equal to 2 mol % of at least one kind of oxide selected from yttria (Y₂O₃) and ceria (CeO₂) is further added, and

the fuel electrode is directly provided with fuel including hydrocarbon and steam.

2-4. (Cancelled).

5. (Currently Amended) The solid oxide fuel cell according to claim [[2]] 1, wherein the second solid electrolyte is ~~further a composite material of the scandia-stabilized zirconia and~~ compounded with less than or equal to 2 wt % of alumina (Al₂O₃).

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